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(71) Applicant: **NIPPON OIL CO LTD**

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AASAA FUETSUTO NETO**

(74) Representative:

(54) PRODUCTION OF COMPOUND OF TAXANES

(57) Abstract:



PURPOSE: To obtain a method for producing a compound of taxanes, having antitumor activity and remarkably improved in the productivity thereof.

CONSTITUTION: A cell originating from a plant of the genus *Taxus* (*Taxus* sp.) is cultured in a culture medium containing an aromatic carboxylic acid or an aromatic amino acid added thereto and the objective compound of the taxanes is recovered from the resultant culture. The solid culturing for the purpose of producing the compound of the taxanes is carried out by adding the aromatic carboxylic acid and/or aromatic amino acid to the culture medium and bedding a cultured cell in the obtained culture medium. The culturing is performed by allowing the culture to stand in the dark at 15 to about 30°C for usually 20 to 100 days. The compound of the taxanes may directly be extracted from the cultured cell subjected to the solid culturing and purified; however, the cultured cell is added to a culture medium containing the aromatic carboxylic acid and/or aromatic amino

acid to carry out the liquid culturing.
The objective compound of the taxanes
may be produced in the cultured cell
and culture solution supernatant,
extracted and purified.

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AASAA FUETSUTO NETO,**Assignee: **NIPPON OIL CO LTD**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **Dec. 21, 1993** / June 11, 1992Application Number: **JP1992000177405**IPC Code: **C12P 17/02; C12N 5/04; C12P 17/02;**Priority Number: June 11, 1992 **JP1992000177405**

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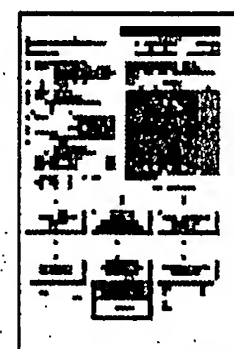
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Designated Country: **DE FR GB**

Family:

PDF	Publication	Pub. Date	Filed	Title
	JP5336985A2	Dec. 21, 1993	June 11, 1992	PRODUCTION OF COMPOUND OF TAXANES
	JP2967532B2	Oct. 25, 1999		
	EP0577274A3	May 25, 1994	June 8, 1993	Process for preparing taxane compounds
	EP0577274A2	Jan. 5, 1994	June 8, 1993	Process for preparing taxane compounds
4 family members shown above				

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